Title (en)

RHEOLOGY MODIFICATION AND MODIFIERS

Title (de)

RHEOLOGIEÄNDERUNG UND RHEOLOGIEMODIFIZIERMITTEL

Title (fr)

MODIFICATION ET MODIFICATEURS DE RHEOLOGIE

Publication

EP 1001917 A4 20000524 (EN)

Application

EP 98920397 A 19980515

Priority

- AU 9800353 W 19980515
- AU PO679297 A 19970515

Abstract (en)

[origin: WO9851645A1] We have now found that associative thickeners may be used in emulsions for use in explosive compositions, which associative thickeners provide for rapid and reversible changes in emulsion viscosity. Associative thickeners provide explosives emulsions having the desirable characteristics of (1) significant reduction in viscosity during pumping and (2) reestablishment of relatively high viscosity when pumping is terminated without damage to the emulsion components. It is believed that the associative thickener provides a network of physical linkages throughout the emulsion which network can be reversibly broken down.

IPC 1-7

C06B 45/00; C06B 47/00; C06B 47/14; C06B 23/00

IPC 8 full level

C06B 23/00 (2006.01); **C06B 47/14** (2006.01)

CPC (source: EP KR)

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Citation (search report)

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